

Atty. Dkt. No. 065640-0219

**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Majid ENTEZARIAN et al.  
Title: FILTRATION MEDIA OF POROUS INORGANIC PARTICLES  
Appl. No.: 10/690,454  
Filing Date: 10/22/2003  
Examiner: Unassigned  
Art Unit: Unassigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document, except as noted below, is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The USPTO has waived the requirement under 37 CFR 1.98(a)(2)(i) to submit copies of U.S. patents and U.S. patent application publications when citing and submitting an Information Disclosure Statements in a patent application filed after June 30, 2003 and in an international application that has entered the national stage under 37 USC §371 after June 30, 2003. Accordingly, copies of these types of documents are not being supplied in connection with this application. Reference is being made to Pre-OG Notice from Office of Patent Legal Administration dated July 25, 2003, *Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003.*

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

### **TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

### **RELEVANCE OF EACH DOCUMENT**

The reference entitled "Filter som sätter miljön i första rummet" appears to be a foreign language counterpart of the reference entitled "Filter which puts the environment first." From the figures, the reference entitled "Takmodul med flytande tätning" appears to be related to ventilation systems.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

### **INVENTORSHIP**


Applicants respectfully note that there was some collaboration between at least one Applicant of the present application and at least one inventor, Kyle A. Brownell, of U.S. Patent Application No. 2003/016093, entitled "Two Stage Air Filter," in developing a filtration system for filtering grease from a ventilation system. The inventorship of this patent application has been reviewed in light of this and is believed to be correct.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date MAR 29 2004

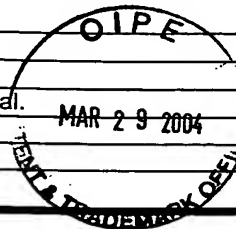
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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: March 29, 2004 <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/690,454</td> </tr> <tr> <td>Filing Date</td> <td>10/22/2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Majid Entezarian et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>1724</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>065640-0219</td> </tr> </table>		Application Number	10/690,454	Filing Date	10/22/2003	First Named Inventor	Majid Entezarian et al.	Group Art Unit	1724	Examiner Name	Unassigned	Attorney Docket Number	065640-0219
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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	6,641,788		Ogawa et al.	11/04/2003	
	A2	US-2003/0164093		Brownell et al.	09/04/2003	
	A3	6,605,648		Johnson et al.	08/12/2003	
	A4	2003/0101986		Maier	06/05/2003	
	A5	US-2003/0024393		Lim	02/06/2003	
	A6	6,468,323		Chwala	10/22/2002	
	A7	6,454,825		Cheimets et al.	09/24/2002	
	A8	6,464,770		Palm et al.	10/15/2002	
	A9	6,432,177		Dallas et al.	08/13/2002	
	A10	6,340,379		Penth et al.	01/22/2002	
	A11	6,293,983		More	09/25/2001	
	A12	6,290,742		Pakkala et al.	09/18/2001	
	A13	6,251,153		Neitzel et al.	06/26/2001	
	A14	6,237,587		Sparling et al.	05/29/2001	
	A15	6,168,651		Tuma et al.	01/02/2001	
	A16	6,165,519		Lehrer et al.	12/26/2000	
	A17	6,095,037		Savage et al.	08/01/2000	
	A18	6,079,407		Lai	06/27/2000	
	A19	6,077,800		Takahashi et al.	06/20/2000	
	A20	6,077,335		Schneider et al.	06/20/2000	
	A21	6,074,177		Kobayashi et al.	06/13/2000	
	A22	6,051,199		Teller	04/18/2000	
	A23	6,042,628		Nishikiori et al.	03/28/2000	
	A24	6,041,772		Ward et al.	03/28/2000	
	A25	6,010,558		Ackland	01/04/2000	
	A26	5,997,618		Schneider et al.	12/07/1999	
	A27	5,976,221		Bowman et al.	11/02/1999	
	A28	5,810,895		Stachle et al.	09/22/1998	
	A29	5,792,360		Algar	08/11/1998	
	A30	5,776,354		Van der Meer et al.	07/07/1998	
	A31	5,766,458		Sekhar et al.	06/16/1998	
	A32	5,750,026		Gadkaree et al.	05/12/1998	
	A33	5,733,350		Muller et al.	03/31/1998	
	A34	5,700,973		Siddiqui	12/23/1997	
	A35	5,693,298		Bar-Ilan	12/02/1997	
	A36	5,632,889		Tharp	05/27/1997	
	A37	5,628,916		Stevens et al.	05/13/1997	
	A38	5,624,875		Nakanishi et al.	04/29/1997	
	A39	5,567,392		Becker et al.	10/22/1996	
	A40	5,567,090		Basak et al.	10/22/1996	
	A41	D373,625		Pereira	09/10/1996	
	A42	5,512,088		McKenzie	04/30/1996	
	A43	5,497,620		Stobbe	03/12/1996	

Examiner Signature	Date Considered
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Date Submitted: March 29, 2004

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**Complete if Known**

Application Number	10/690,454
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**U.S. PATENT DOCUMENTS**

	U.S. Patent Document		
A44	5,486,370	Bivens	01/23/1996
A45	5,472,342	Welsh II et al.	12/05/1995
A46	5,442,924	Tsai et al.	08/22/1995
A47	5,404,799	Bivens	04/11/1995
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A49	5,342,422	Wimbock	08/30/1994
A50	RE 34,636	Bivens	06/14/1994
A51	5,209,887	Von Blücher et al.	05/11/1993
A52	5,171,720	Kawakami	12/15/1992
A53	5,154,743	Takato et al.	10/13/1992
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A57	5,087,272	Nixdorf	02/11/1992
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A64	4,872,892	Vartiainen et al.	10/10/1989
A65	4,816,499	Nomura et al.	03/28/1989
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A72	4,610,705	Sarnosky et al.	09/09/1986
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A84	4,126,433	Forssberg et al.	11/21/1978
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A88	4,022,118	Vandas	05/10/1977

Examiner  
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Date  
Considered

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U.S. PATENT DOCUMENTS					
		U.S. Patent Document			
	A89	3,970,558		Lee	07/20/1976
	A90	3,955,949		Rohrer	05/11/1976
	A91	3,837,269		Sweet et al.	09/24/1974
	A92	3,354,623		Keller	11/28/1967
	A93	1,872,892		Clanton	08/23/1932

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	A94	EP	1 238 679		Mazzanti	09/11/2002		X
	A95	EP	0 722 072	B1	Leader et al.	07/17/1996		
	A96	GB	1,255,268		U.S. Atomic Energy Comm.	12/01/1971		
	A97	DE	DD 74 699		Winter			
	A98	GB	1,014,594		Van Products Company	12/31/1965		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	A99	J. Clark, "Commercial Kitchen Ventilation Design: What You need to Know," Engineered Systems, 01/29/2003, 5 pages.	
	A100	"Filter som sätter miljön i första rummet", airMet Metal Filter, Luftfilter, obtained from website @ www.luftfilter.com, February, 2001, (5 pages).	
	A101	"Filter which puts the environment first", airMet Metal Filter, Luftfilter, obtained from website @ www.luftfilter.com, October, 2001, (8 pages).	
	A102	"Grease-X-Tractor™ Centrifugal Filtration, Grease Grabber™-80 Two-Stage Filtration System, Greenheck, August 2003, 18 pages.	
	A103	Greenheck, Various Promotional Materials, 10 pgs., (date unknown).	
	A104	"Greenheck Takes the Grease Out of Kitchen Ventilation," December 2001, 4 pages.	
	A105	"List Prices Effective January 1, 2000, How to Order Flame Gard Grease Filters", Flame Gard, obtained from website @ www.flamegard.com, (4 pages).	
	A106	Livchak et al., "The Facts Mechanical Grease", American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., Copyright 2003, Kitchen Ventilation / A Supplement to ASHRAE Journal June 2003, (p. K14-K17, 4 pages).	
	A107	M. Sherer, "Clearing the Air," pp. 228-31, Foodservice Equipment Report, June 2003.	
	A108	"Takmodul med flytande tätning", Luftfilter, obtained from website www.luftfilter.com, June, 2001, (4 pages).	

<b>Examiner Signature</b>		<b>Date Considered</b>	
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	A109	United Air Specialists, Inc., Promotional Materials for "Smog-Hog", 4 pgs., 2001	
	A110	"We prioritise expertise", Luftfilter, obtained from website @ www.luftfilter.com, February, 1999, (4 pgs.).	
	A111	G. Elliott et al., "The Increasing Use of Ceramic Filters in Air Pollution Control Applications," Filtr. Sep. Vol. 34, No. 4, pp. 331-335, 1997, Elsevier Science Ltd.	
	A112	N. Singh et al., "Process Design and Economic Analysis of A Ceramic Membrane System for Microfiltration of Corn Starch Hydrolysate," Journal of Food Engineering, Vol. 38, NO. 1, pp. 57-67, 1998, Elsevier Science Ltd.	
	A113	J. Clark, "Commercial Kitchen Ventilation/IMC-2000," pp. 1-7 (date unknown)	
	A114	M. VandenBoom, Greenheck Product Presentation, 26 pgs., 10/23/2002	
	A115	Greenheck Promotional Materials for "Grease Grabber-80," 18 pgs., 2002	
	A116	International Search Report for PCT/US02/05753, 7 pages.	

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